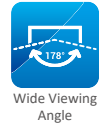


# ITRP-2845-APL2-WG00

28" PIS Full IP65 Fanless Panel PC



Transportation Panel PCs



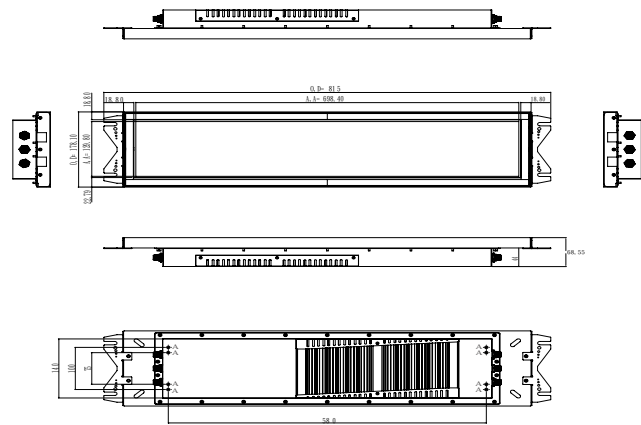
## Key Features

- Intel® Atom®/Pentium®/Celeron® (ApolloLake SoC) Processor support
- 28" LCD, 1920 x 357, 1000 nits
- Full IP65 and fanless design
- M12 connector for Dual GbE, USB, COM,Power input
- Anti-Shock and vibration

## Product Specification

System color	Black
Mechanical	Aluminum extrusion and heavy-duty steel
Display	
Display type	28" Resizing TFT LCD
Resolution	1920x357 pixel
Luminance/Brightness	1000 cd/m <sup>2</sup>
Color	16.7M colors
Pixel pitch (H/V)	0.3637mm x 0.3637mm
Contrast ratio	6500:1
Viewing angle (H/V)	178°/178° (typ.)
Backlight MTBF	70,000 hrs (typ.)
Glass type	3mm Tempered Glass
Main System	
Processor	Intel® Atom® x7-E3950 1.6GHz,QC (12W) Intel® Atom® x5-E3940 1.6GHz,QC (9.5W) Intel® Atom® x5-E3930 1.3GHz,DC (6.5W) Intel® Pentium® N4200 1.1GHz,QC (6W) Intel® Celeron® N3350 1.1GHz, DC, (6W)
Chipset	Intel® Apollo Lake-I SoC integrated
Graphic	Intel® HD Gen. 9-LP Graphics
Memory	1 x 204-pin DDR3L 1866MHz SDRAM; max. up to 8GB
System I/O	1x M12 GbE, 2x M12 USB 2.0, 1x M12 HDMI
Ethernet	1 x Gigabit Ethernet (Intel® I211)
Storage support	1 x mSATA
Expansion slot	1 x Mini-PCIe (Half size) 1 x Mini-PCIe (Full size, share with mSATA)
System indicators	N/A
System controls	N/A
Watchdog timer	Interval: Programmable 1 ~ 255 sec. Output: System reset
OS Support	Win7, Win8.1, Win10, Linux
Power supply	AC110~240V
Mounting kit	VESA mount
Environment	
IP level	Full IP65
Operating temperature	-25°C ~ 55°C
Storage temperature	-40°C ~ 80°C
Relative humidity	0% ~ 90% (non-condensing)
Dimensions	815 mm(W) x 68.6 mm(D) x 178.1 mm(H)
Weight	6.94 kg

## Dimensions



## Ordering Information

Part Number	Description
ITRP-2845-APL2-WG00-4002	IP65 Railway Fanless panel PC,28", 1000nits, 1920x357, 3mm glass, Intel® Celeron® N3350.6W,4GB DDR3L,32GB mSATA.1HDMI/2USB/1LAN/1PWR M12. connector,3mm GLASS,Full IP65.AC110~240V

## Accessories list

Part Number	Description
ITRP-001	2M M12 Cable for LAN
ITRP-002	2M M12 Cable for USB
ITRP-003	2M M12 Cable for COM
ITRP-004	2M M12 Cable for HDMI
ITRP-005	2M M12 Cable for Power

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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